

CASE STUDY

Category: Semiconductor industry



Solving a sticky situation.

Client: Medical/pharmaceutical firm

The Challenge: Static electricity found on o-rings that were being used in a cap for a medical device was causing the seals to stick together during production. The dirty seals were jamming manufacturing machinery, thus causing lost productivity and damaged product - the biomedical firm was losing time and money.

The Process:

- Pacific Rubber obtained the o-rings needed for the biomedical product from a top-quality manufacturer.
- The seals were then cleaned using a custom deionized water process to eliminate the static.
- The seals were packaged in Pacific Rubber's ISO Class 7 cleanroom to not only ensure that the static issue did not return, but to also increase seals' shelf life, eliminate contamination from each bag's sealing area and preserve the shape and surface conformity of seals.

The Result: Pacific Rubber's combined approach of cleaning and packaging the o-rings solved the static problem, meeting the client's needs for both a static-elimination solution and timely turnaround. The satisfied customer continues to turn to Pacific Rubber for high quality o-rings and the associated services needed to ensure the parts are viable in a demanding medical environment.



Performance Delivered.

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